WS-062 Roll-up countertop garment-airing mat

Create air spaces beneath a small damp garment on a separately protected countertop.

Controlling dimensions: US inches and feet. Metric equivalents are references. Original editorial design; no physical build, animal trial or load certification is claimed.

Before marking and cutting

US inches; feet where appropriate. Metric values are rounded references. Written inch values control.

3/4 in means measured 0.750 in actual thickness wherever used. Recalculate mating lengths for other sheet thicknesses; do not substitute nominal stock blindly.

Use limits

No load-spanning, drying-time, sterilization or furniture protection rating.

Materials and finished cuts

Part	Qty	Size to cut	Material and detail
A Smooth slats	12	18 × 1 × 3/8 in 457.2 × 25.4 × 9.52 mm	Clear solid hard maple, straight grain along the listed length. Measured actual thickness 3/8 in.
B Webbing rails	2	1 × 20 in 25.4 × 508 mm	Polyester webbing, washable; no lifting function. Cut blank before seams or fitting.

Hardware and consumables

24 × #4 × 1/4 in pan-head stainless screws. Actual penetration checked below 1/4 in.

24 × Small compatible washers. Capture webbing without sharp edges.

Tools

Rule with fractional inches; Pencil or appropriate material marker; Reliable square; Saw suited to the specified stock; Clamps; Abrasive and dust-removal brush; Drill with the specified bit and depth stop where needed; Driver matching selected fasteners; Sewing needle or suitable sewing machine; Scissors; Pins; remove and count after sewing

Primary context and design record

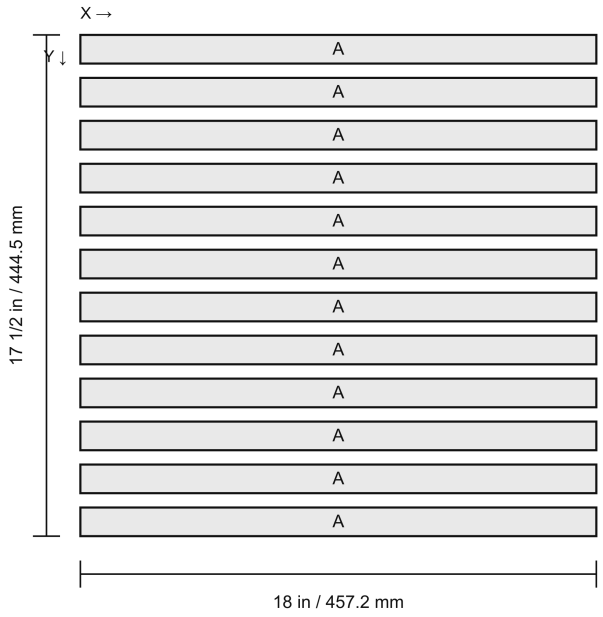
Context references; not design endorsements or certifications.

WS-S01 · Hand and Power Tools · OSHA

Assembly and first checks

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PLAN / reference origin at front-left; not to scale. Inch values control.



Part letters identify the cut-list pieces. Dashed outline = underside part.
Coordinates in the method use the same X/Y reference.
Do not drill from the graphic: transfer the written center coordinates.
Original editorial design; no physical construction trial or certified load rating.

01 Protect the countertop with a separate appropriate washable draining surface. This mat stays fully supported and is not a spanning rack.

02 Cut twelve A slats 18 × 1 × 3/8 in. Round every upper edge and corner to avoid snagging cloth.

03 Cut two B webbing rails 20 × 1 in and finish their cut ends by folding/sewing, not open flame.

04 Lay A parallel along X, with front Y edges at 0,1 1/2,3,4 1/2,6,7 1/2,9,10 1/2,12,13 1/2,15,16 1/2 in. The overall mat depth is 17 1/2 in.

05 Lay B perpendicular beneath the slats at X = 2–3 and 15–16 in, centered in the mat depth.

06 Drill one small pilot in each slat above each B centerline at X = 2 1/2 and 15 1/2 in, centered across that slat.

Complete the assembly

WS-062 Component dimensions

Orthographic component reference. Quantities shown; not a sheet nesting plan or full-size template.



18 × 1 in

A Smooth slats QTY 12

18 in / 457.2 mm × 1 in / 25.4 mm

thickness 3/8 in / 9.5 mm

1 × 20 in

B Webbing rails QTY 2

1 in / 25.4 mm × 20 in / 508.0 mm cut blank

Measured actual stock controls. Read the written assembly sequence before cutting or fastening.

07 Attach B with one #4 × 1/4 in pan-head stainless screw and small washer per intersection from below. Through webbing/washer, penetration into the 3/8 in slat must remain below 1/4 in; verify actual hardware before use.

08 Roll the empty mat slowly with slats outside and webbing inside; loosen a tight intersection only enough to avoid tearing webbing.

09 Unroll fully on its protected level surface and place one small garment across at least four slats. Do not use it over a bath, gap or sink.

10 Remove the garment after airing, wipe and dry both sides of every slat, then roll loosely for storage.

Acceptance and intermediate checks

Twelve 1 in slats with eleven 1/2 in gaps give 17 1/2 in depth.

No screw tip reaches a garment-contact face.

All slats remain fully supported during use.

Cleaning and maintenance

Dry webbing and slats fully.

Inspect screw washers and snag-prone edges.